

FILES SEARCHED...

L12 18 (ISODIPHENYL PHOSPHATE OR ISODECYL DIPHENYL PHOSPHATE OR L2)
AND (PYRETHRIN# OR PYRETHROID# OR L3 OR L4 OR L5 OR L6 OR L10)

=> s (collar or ear tag) and l12

L13 11 (COLLAR OR EAR TAG) AND L12

=> dup rem l13

PROCESSING COMPLETED FOR L13

L14 5 DUP REM L13 (6 DUPLICATES REMOVED)

=> dup rem l12

PROCESSING COMPLETED FOR L12

L15 12 DUP REM L12 (6 DUPLICATES REMOVED)

=> d l14 1-5

L14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 1

AN 2004:802551 CAPLUS

DN 141:290567

TI Controlled-release insecticide formulation for animals

IN Kelley, Donald W.

PA Redline, Inc., USA

SO U.S. Pat. Appl. Publ., 5 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004192650	A1	20040930	US 2004-805883	20040322
	WO 2004089083	A2	20041021	WO 2004-US9760	20040331
	WO 2004089083	A3	20050203		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,				
	CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				
	GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,				
	LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,				
	NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,				
	TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW:				
	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,				
	BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,				
	ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,				
	SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,				
	TD, TG				
PRAI	US 2003-459105P	P	20030331		
	US 2004-805883	A	20040322		

L14 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2

AN 2004:803841 CAPLUS

DN 141:308995

TI Polymeric formulation for slow pesticide release

IN Kelley, Donald W.

PA Redline, Inc., USA

SO U.S. Pat. Appl. Publ., 5 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004191290	A1	20040930	US 2004-805926	20040322
	WO 2004086862	A2	20041014	WO 2004-US9892	20040329
	WO 2004086862	A3	20041229		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,				
	CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				
	GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,				
	LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,				
	NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,				

OF 12 USPATFULL on STN
 AN 2002:39668 USPATFULL
 TI Controlled delivery compositions and processes for treating organisms in
 a column of water on land
 IN Levy, Richard, Fort Myers, FL, United States
 PA Lee County Mosquito Control District, FL, United States (U.S.
 corporation)
 PI US 6350461 B1 20020226
 AI US 1999-457897 19991210 (9)
 RLI Division of Ser. No. US 1996-674813, filed on 3 Jul 1996, now patented,
 Pat. No. US 6001382 Continuation-in-part of Ser. No. US 1995-434313,
 filed on 2 May 1995, now patented, Pat. No. US 5698210
 Continuation-in-part of Ser. No. US 1995-409301, filed on 24 Mar 1995,
 now abandoned Continuation-in-part of Ser. No. US 1995-406344, filed on
 17 Mar 1995, now abandoned
 DT Utility
 FS GRANTED
 LN.CNT 2910
 INCL INCLM: 424/409.000
 INCLS: 424/405.000; 424/406.000; 424/408.000; 424/410.000; 424/411.000;
 424/417.000; 424/484.000; 424/485.000; 424/486.000; 424/488.000;
 424/489.000; 424/084.000; 424/438.000; 424/442.000; 424/451.000;
 428/034.100; 428/034.300; 428/036.900; 428/035.600; 428/035.700;
 222/565.000; 383/001.000; 426/001.000; 426/061.000
 NCL NCLM: 424/409.000
 NCLS: 222/565.000; 383/001.000; 424/084.000; 424/405.000; 424/406.000;
 424/408.000; 424/410.000; 424/411.000; 424/417.000; 424/438.000;
 424/442.000; 424/451.000; 424/484.000; 424/485.000; 424/486.000;
 424/488.000; 424/489.000; 426/001.000; 426/061.000; 428/034.100;
 428/034.300; 428/035.600; 428/035.700; 428/036.900
 IC [7]
 ICM: A01N025-34
 EXF 424/405-411; 424/417-421; 424/84; 424/438; 424/439; 424/442;
 424/484-489; 424/451; 424/464; 424/76.8; 424/DIG.8-11; 043/131; 523/122;
 523/132; 428/34.1; 428/34.3; 428/36.9; 428/35.6; 428/35.7; 383/1;
 222/565; 206/811; 426/1; 426/61; 426/532
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 6 OF 12 USPATFULL on STN
 AN 2002:29136 USPATFULL
 TI Controlled delivery compositions and processes for treating organisms in
 a column of water or land
 IN Levy, Richard, Fort Myers, FL, United States
 PA Lee County Mosquito Control District, FL, United States (U.S.
 corporation)
 PI US 6346262 B1 20020212
 AI US 1999-450219 19991129 (9)
 RLI Division of Ser. No. US 1996-674813, filed on 3 Jul 1996, now patented,
 Pat. No. US 6001382 Continuation-in-part of Ser. No. US 1995-434313,
 filed on 2 May 1995, now patented, Pat. No. US 5698210
 Continuation-in-part of Ser. No. US 1995-409301, filed on 24 Mar 1995,
 now abandoned Continuation-in-part of Ser. No. US 1995-406344, filed on
 17 Mar 1995, now abandoned
 DT Utility
 FS GRANTED
 LN.CNT 2843
 INCL INCLM: 424/408.000
 INCLS: 504/150.000; 504/156.000; 504/157.000; 504/158.000; 504/161.000;
 504/187.000; 504/201.000; 504/232.000; 504/240.000; 504/254.000;
 504/309.000; 504/320.000; 504/348.000; 504/351.000; 504/356.000;
 504/357.000; 424/405.000; 424/406.000; 424/407.000; 424/409.000;
 424/410.000; 424/417.000; 424/484.000; 424/485.000; 424/486.000;
 424/487.000; 424/488.000; 424/489.000; 424/046.000; 424/084.000;
 424/076.800; 424/078.090; 424/094.100; 424/125.000; 424/438.000;
 424/442.000; 424/451.000; 424/464.000; 424/093.100; 424/093.461;
 424/093.500; 424/093.600; 424/016.100; 424/016.110; 424/630.000;
 424/633.000; 119/231.000; 043/042.060; 043/131.000
 NCL NCLM: 424/408.000

NCLS: 043/042.060; 043/131.000; 119/231.000; 424/046.000; 424/076.800;
424/078.090; 424/084.000; 424/093.100; 424/093.461; 424/093.500;
424/093.600; 424/094.100; 424/125.000; 424/405.000; 424/406.000;
424/407.000; 424/409.000; 424/410.000; 424/417.000; 424/438.000;
424/442.000; 424/451.000; 424/464.000; 424/468.000; 424/484.000;
424/485.000; 424/486.000; 424/487.000; 424/488.000; 424/489.000;
424/630.000; 424/633.000; 504/150.000; 504/156.000; 504/157.000;
504/158.000; 504/161.000; 504/187.000; 504/201.000; 504/232.000;
504/240.000; 504/254.000; 504/309.000; 504/320.000; 504/348.000;
504/351.000; 504/356.000; 504/357.000

IC [7]

ICM: A01N025-10

EXF 424/405-409; 424/417-421; 424/485-490; 424/93.1; 424/93.46; 424/93.461;
424/93.5; 424/93.6; 424/125; 424/410; 424/411; 424/438; 424/442;
424/451; 424/464; 424/DIG.8-11; 424/630; 424/633-637; 424/76.8;
424/78.09; 424/84; 043/42.06; 043/131; 523/122; 119/231; 119/204;
119/234; 119/212; 514/65; 514/78; 514/86; 514/89; 514/102-103; 514/114;
514/245; 514/250; 514/345; 514/519; 514/546; 514/557; 514/568; 514/574;
514/594; 514/762-766; 514/723; 514/918-920; 514/704; 504/150-156;
504/161; 504/187; 504/201; 504/232; 504/240; 504/254; 504/309; 504/320;
504/348; 504/351; 504/356; 504/357

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 7 OF 12 USPATFULL on STN

AN 2002:5765 USPATFULL

TI Controlled delivery compositions and processes for treating organisms in
a column of water or land

IN Levy, Richard, Fort Myers, FL, United States

PA Lee County Mosquito Control District, FL, United States (U.S.
corporation)

PI US 6337078 B1 20020108

AI US 1999-458023 19991210 (9)

RLI Division of Ser. No. US 1996-674813, filed on 3 Jul 1996, now patented,
Pat. No. US 6001382 Continuation-in-part of Ser. No. US 1995-434313,
filed on 2 May 1995, now patented, Pat. No. US 5698210
Continuation-in-part of Ser. No. US 1995-409301, filed on 24 Mar 1995,
now abandoned Continuation of Ser. No. US 1995-406344, filed on 17 Mar
1995, now abandoned

DT Utility

FS GRANTED

LN.CNT 2881

INCL INCLM: 424/406.000

INCLS: 424/407.000; 424/408.000; 424/409.000; 424/410.000; 424/417.000;
424/421.000; 424/076.800; 424/078.090; 424/084.000; 424/093.100;
424/093.461; 424/093.500; 424/093.600; 424/633.000; 424/DIG.008;
424/DIG.009; 424/DIG.010; 424/DIG.011; 424/484.000; 424/489.000;
424/046.000; 424/125.000; 514/065.000; 514/078.000; 514/089.000;
514/102.000; 514/103.000; 514/114.000; 514/245.000; 514/250.000;
514/345.000; 514/519.000; 514/546.000; 514/557.000; 514/086.000;
514/568.000; 514/574.000; 514/594.000; 514/762.000; 514/763.000;
514/764.000; 514/765.000; 514/766.000; 514/723.000; 514/918.000;
514/919.000; 514/920.000; 504/150.000; 504/156.000; 504/157.000;
504/158.000; 504/161.000; 504/187.000; 504/201.000; 504/232.000;
504/240.000; 504/254.000; 504/309.000; 504/320.000; 504/348.000;
504/351.000; 504/356.000; 504/357.000; 119/231.000; 119/204.000;
119/212.000; 119/230.000; 523/122.000; 043/042.060; 043/131.000

NCL NCLM: 424/406.000

NCLS: 043/042.060; 043/131.000; 119/204.000; 119/212.000; 119/230.000;
119/231.000; 424/046.000; 424/076.800; 424/078.090; 424/084.000;
424/093.100; 424/093.461; 424/093.500; 424/093.600; 424/125.000;
424/407.000; 424/408.000; 424/409.000; 424/410.000; 424/417.000;
424/421.000; 424/484.000; 424/489.000; 424/633.000; 424/DIG.008;
424/DIG.009; 424/DIG.010; 424/DIG.011; 504/150.000; 504/156.000;
504/157.000; 504/158.000; 504/161.000; 504/187.000; 504/201.000;
504/232.000; 504/240.000; 504/254.000; 504/309.000; 504/320.000;
504/348.000; 504/351.000; 504/356.000; 504/357.000; 514/065.000;
514/078.000; 514/086.000; 514/089.000; 514/102.000; 514/103.000;
514/114.000; 514/245.000; 514/250.000; 514/345.000; 514/519.000;

514/546.000; 514/557.000; 514/568.000; 514/574.000; 514/594.000;
514/723.000; 514/762.000; 514/763.000; 514/764.000; 514/765.000;
514/766.000; 514/918.000; 514/919.000; 514/920.000; 523/122.000

IC [7]

ICM: A01N025-32

EXF 424/405-409; 424/417-421; 424/485-490; 424/493.1; 424/493.46;
424/93.461; 424/94.1; 424/45; 424/46; 424/76.8; 424/78.09; 424/84;
424/125; 424/438; 424/442; 424/451; 424/464; 424/630; 424/633-635;
424/637; 424/DIG.8-DIG.11; 523/122; 043/42.06; 043/131

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 8 OF 12 USPATFULL on STN

AN 2002:939 USPATFULL

TI Controlled delivery compositions and processes for treating organisms in
a column of water or land

IN Levy, Richard, Fort Myers, FL, United States

PA Lee County Mosquito Control District, FL, United States (U.S.
corporation)

PI US 6335027 B1 20020101

AI US 1999-458045 19991210 (9)

RLI Division of Ser. No. US 1996-674813, filed on 3 Jul 1996, now patented,
Pat. No. US 6001382 Continuation-in-part of Ser. No. US 1995-434313,
filed on 2 May 1995, now patented, Pat. No. US 5698210, issued on 2 Aug
2000 Continuation-in-part of Ser. No. US 1995-409301, filed on 24 Mar
1995, now abandoned Continuation-in-part of Ser. No. US 1995-406344,
filed on 17 Mar 1995, now abandoned

DT Utility

FS GRANTED

LN.CNT 2905

INCL INCLM: 424/409.000

INCLS: 424/405.000; 424/406.000; 424/408.000; 424/411.000; 424/410.000;
424/477.000; 424/484.000; 424/485.000; 424/486.000; 424/488.000;
424/489.000; 424/078.090; 424/084.000; 424/451.000; 043/042.060;
119/212.000; 119/230.000; 119/231.000; 119/242.000; 428/034.100;
428/034.300; 428/036.900; 206/811.000

NCL NCLM: 424/409.000

NCLS: 043/042.060; 119/212.000; 119/230.000; 119/231.000; 119/242.000;
206/811.000; 424/078.090; 424/084.000; 424/405.000; 424/406.000;
424/408.000; 424/410.000; 424/411.000; 424/451.000; 424/477.000;
424/484.000; 424/485.000; 424/486.000; 424/488.000; 424/489.000;
428/034.100; 428/034.300; 428/036.900

IC [7]

ICM: A01N025-34

EXF 424/405; 424/408; 424/469; 424/438; 424/84; 424/484-489; 424/451;
424/464; 424/76.8; 424/78.09; 424/DIG.8-11; 119/204; 119/212; 119/230;
119/231; 119/234; 119/242; 043/42.06; 043/131; 523/122; 428/34.1;
428/34.3; 428/36.9; 206/811; 220/560; 222/DIG.30; 222/565; 383/1

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L15 ANSWER 9 OF 12 USPATFULL on STN

AN 1999:163239 USPATFULL

TI Controlled delivery compositions and processes for treating organisms in
a column of water or on land

IN Levy, Richard, Fort Myers, FL, United States

PA Lee County Mosquito Control District, Fort Myers, FL, United States
(U.S. corporation)

PI US 6001382 19991214

AI US 1996-674813 19960703 (8)

RLI Continuation-in-part of Ser. No. US 1995-434313, filed on 2 May 1995,
now patented, Pat. No. US 5698210 which is a continuation-in-part of
Ser. No. US 1995-409301, filed on 24 Mar 1995, now abandoned which is a
continuation-in-part of Ser. No. US 1995-406344, filed on 17 Mar 1995,
now abandoned

DT Utility

FS Granted

LN.CNT 3101

INCL INCLM: 424/405.000

INCLS: 424/406.000; 424/407.000; 424/408.000; 424/409.000; 523/122.000;

523/124.000; 523/128.000; 523/129.000; 524/009.000; 524/010.000;
524/306.000; 524/539.000
NCL NCLM: 424/405.000
NCLS: 424/406.000; 424/407.000; 424/408.000; 424/409.000; 523/122.000;
523/124.000; 523/128.000; 523/129.000; 524/009.000; 524/010.000;
524/306.000; 524/539.000
IC [6]
ICM: A01N025-08
EXF 523/122; 523/124; 523/128; 523/129; 524/9; 524/10; 524/16; 524/17;
524/18; 524/20-22; 524/24; 524/27; 524/306; 524/311; 524/356; 524/539;
424/405-409
CAS INDEXING IS AVAILABL

TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
TD, TG

PRAI US 2003-458682P P 20030328

L14 ANSWER 3 OF 5 USPATFULL on STN

AN 87:35947 USPATFULL

TI Dispensers for the controlled release of pest controlling agents and
method for combatting pest therewith

IN Von Kohorn, Henry, Greenwich, CT, United States

Kydonieus, Agisa F., Kendall, NJ, United States

PA Herculite Protective Fabrics Corporation, New York, NY, United States
(U.S. corporation)

PI US 4666767 19870519

AI US 1981-304496 19810922 (6)

RLI Continuation of Ser. No. US 1978-961893, filed on 17 Nov 1978 which is a
division of Ser. No. US 1977-764312, filed on 31 Jan 1977, now patented,
Pat. No. US 4160335, issued on 10 Jul 1979 which is a continuation of
Ser. No. US 1974-535658, filed on 23 Dec 1974, now abandoned which is a
continuation of Ser. No. US 1972-305032, filed on 9 Nov 1972, now
abandoned

DT Utility

FS Granted

LN.CNT 1854

INCL INCLM: 428/304.400

INCLS: 043/111.000; 043/132.100; 424/083.000; 424/084.000; 428/907.000;
514/122.000; 514/748.000; 514/137.000

NCL NCLM: 424/410.000

NCLS: 043/111.000; 043/132.100; 424/084.000; 424/409.000; 428/304.400;
428/907.000; 514/122.000; 514/137.000; 514/748.000

IC [4]

ICM: A01N017-14

EXF 043/111; 043/124; 043/131; 043/132R; 424/198; 424/83; 424/84; 428/411;
428/907; 428/510; 428/304.4

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 4 OF 5 USPATFULL on STN

AN 87:6406 USPATFULL

TI Dispensers for the controlled release of pest-controlling agents and
methods for combatting pests therewith

IN Von Kohorn, Henry, Greenwich, CT, United States

Kydonieus, Agis F., Kendall Park, NJ, United States

PA Herculite Protective Fabrics Corporation, New York, NY, United States
(U.S. corporation)

PI US 4639393 19870127

AI US 1978-961893 19781117 (5)

RLI Division of Ser. No. US 1977-764312, filed on 31 Jan 1977, now patented,
Pat. No. US 4160335 which is a continuation of Ser. No. US 1974-535658,
filed on 23 Dec 1974, now abandoned which is a continuation of Ser. No.
US 1972-305032, filed on 9 Nov 1972, now abandoned

DT Utility

FS Granted

LN.CNT 1696

INCL INCLM: 428/304.400

INCLS: 043/111.000; 043/132.100; 424/083.000; 424/084.000; 428/411.100;
428/907.000; 514/083.000

NCL NCLM: 428/304.400

NCLS: 043/111.000; 043/132.100; 424/084.000; 428/411.100; 428/907.000;
514/083.000

IC [4]

ICM: A01M001-14

EXF 043/111; 043/124; 043/131; 043/132R; 424/198; 424/83; 424/84; 428/411;
428/907; 428/510; 428/304.4

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 5 OF 5 USPATFULL on STN
AN 79:30318 USPATFULL
TI Dispensers for the controlled release of pest-controlling agents and
methods for combatting pests therewith
IN Von Kohorn, Henry, Greenwich, CT, United States
Kydonieus, Agis F., Kendall Park, NJ, United States
PA Herculite Protective Fabrics Corporation, New York, NY, United States
(U.S. corporation)
PI US 4160335 19790710
AI US 1977-764312 19770131 (5)
RLI Continuation of Ser. No. US 1974-535658, filed on 23 Dec 1974, now
abandoned which is a continuation of Ser. No. US 1972-305032, filed on 9
Nov 1972, now abandoned
DT Utility
FS Granted
LN.CNT 1647
INCL INCLM: 043/131.000
INCLS: 156/269.000; 428/411.000; 424/084.000
NCL NCLM: 043/131.000
NCLS: 156/269.000; 424/084.000; 428/907.000
IC [2]
ICM: A01M001-20
EXF 043/131; 043/132; 424/84; 428/304; 428/35
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 114 5 kwic

L14 ANSWER 5 OF 5 USPATFULL on STN

DETD 8, a strip or tape 80 of the laminated dispenser material may be manufactured into a flea and/or tick control **collar** for cats, dogs, other household pets, or for other farm or wild animals. Similarly, as seen in FIG. 9, strips. . . .

DETD of migrating through solid, non-porous, polymeric materials include (but are not limited to) the following: malathion (i.e., phosphorodithioic acid, S-[1,2,-bis(ethoxycarbonyl)ethyl]-1,0-dimethyl-ester); **pyrethrins**; allethrin; DDVP (i.e., dimethyl-2,2-dichlorovinyl phosphate, sold under the trade name "Vapona" by Shell Oil Company); parathion; methyl-parathion and others.

DETD was prepared by mixing together 100 parts of PVC resin, 81 parts di-octyl phthalate, 25 parts calcium carbonate, 15 parts **isodecyl diphenyl phosphate** and 12.5% by weight of the plastisol of each of methyl eugenol (a pest sex attractant) and uracil (a chemosterilant).. . . .

DETD 35% 10.2% roach insecticide test

22 .004" PVC methoxychlor

Insecticide

35%	8.8%	visual observa-
		tion of Powder
		on Surface

23 .004G PVC **pyrethrins**

Insecticide

30%	3.9%	roach insecti-
		cide test

24 .004" PVC malathion and 15% 3.3%
methoxychlor

"	15%	3.1%	"
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25 .004" PVC. . . .